Metrisches ISO-Gewinde

Grenzmaße für Feingewinde von 1 bis 24,5 mm Nenndurchmesser mit gebräuchlichen Toleranzfeldern

DIN 13 Blatt 21

ISO metric fine threads from 1 to 24,5 mm diameter; limits

Filetages métriques ISO à pas fin du diamètre de 1 à 24,5 mm; dimensions limits

Teilweise Ersatz für DIN 13 Blatt 43 und DIN 13 Blatt 44

Frühere Ausgaben:
DIN 13 Blatt 43: 8.65
DIN 13 Blatt 44: 3.66

Nachdruck auch auszugsweise, nur mit Genehmigung des Deutschen Normenausschusses, Berlin 30, gestattet.

Änderung Februar 1973:
Gegenüber DIN 13 Blatt 43 und DIN 13 Blatt 44 Norm vollständig überarbeitet und den geltenden ISO-Empfehlungen angepaßt; siehe auch Erläuterungen in DIN 13 Blatt 1.

Maße in mm

Die Grenzmaße der Feingewinde mit den gebräuchlichen Toleranzfeldern (siehe DIN 13 Blatt 14) sind aus den Gewinde-Nennmaßen nach DIN 13 Blatt 2 bis Blatt 7 und den Abmaßen und Toleranzen nach DIN 13 Blatt 15 errechnet worden. Grenzmaße für Gewinde nach Toleranzfeldern, die in dieser Norm nicht enthalten sind, können aus den Abmaßen nach DIN 13 Blatt 27 (z. Z. noch Entwurf) errechnet werden.

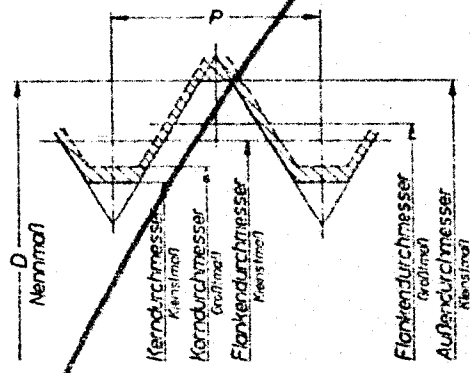

Bild 1. Muttergewinde in Toleranzlage H

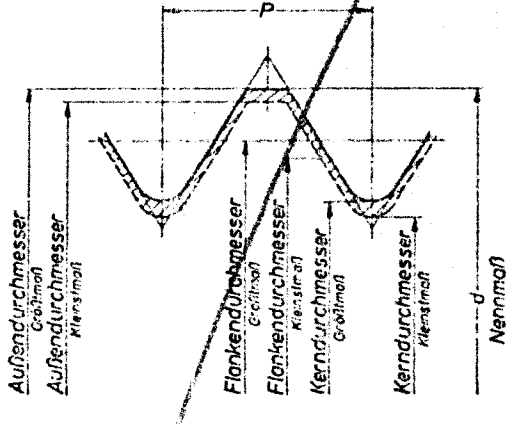

Bild 2. Bolzengewinde in Toleranzlage h

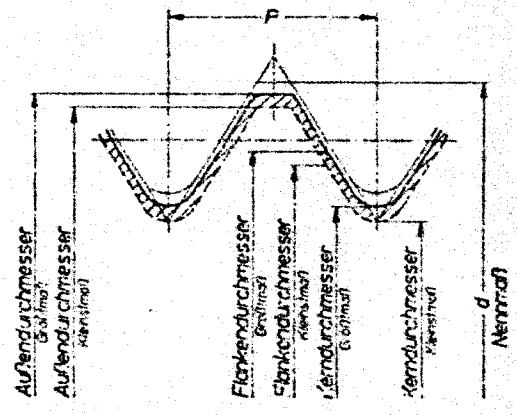

Bild 3. Bolzengewinde in Toleranzlage g

Fortsetzung Seite 2 bis 10

Ausschuß Gewinde im Deutschen Normenausschuß (DNA)

Gewinde-Nenndurchmesser $d=D$	Steigung P	Muttergewinde: Toleranzfeld	Muttergewinde: Außendurchmesser D Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Größtmaß	Muttergewinde: Kerndurchmesser D_1 Kleinstmaß	Muttergewinde: Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Bolzengewinde: Außendurchmesser d Größtmaß	Bolzengewinde: Außendurchmesser d Kleinstmaß	Bolzengewinde: Flankendurchmesser d_2 Größtmaß	Bolzengewinde: Flankendurchmesser d_2 Kleinstmaß	Bolzengewinde: Kerndurchmesser d_3 Größtmaß	Bolzengewinde: Kerndurchmesser d_3 Kleinstmaß
1	0,2	4H	1,000	0,870	0,910	0,783	0,821	4h	1,000	0,964	0,870	0,840	0,755	0,711
	0,2							6h	1,000	0,944	0,870	0,822	0,755	0,693
1,1	0,2	4H	1,100	0,970	1,010	0,883	0,921	4h	1,100	1,064	0,970	0,940	0,855	0,811
	0,2							6h	1,100	1,044	0,970	0,922	0,855	0,793
1,2	0,2	4H	1,200	1,070	1,110	0,983	1,021	4h	1,200	1,164	1,070	1,040	0,955	0,911
	0,2							6h	1,200	1,144	1,070	1,022	0,955	0,893
1,4	0,2	4H	1,400	1,270	1,310	1,183	1,221	4h	1,400	1,364	1,270	1,240	1,155	1,111
	0,2							6h	1,400	1,344	1,270	1,222	1,155	1,093
	0,25	4H	1,400	1,238	1,283	1,129	1,174	4h	1,400	1,358	1,238	1,204	1,093	1,041
	0,25	5H	1,400	1,238	1,294	1,129	1,185	6h	1,400	1,433	1,238	1,185	1,093	1,022
1,6	0,2	4H	1,600	1,470	1,512	1,383	1,421	4h	1,600	1,564	1,470	1,438	1,355	1,309
	0,2							6g	1,583	1,527	1,453	1,403	1,338	1,274
	0,25	4H	1,600	1,438	1,486	1,329	1,374	4h	1,600	1,558	1,438	1,402	1,293	1,239
	0,25							6g	1,582	1,515	1,420	1,364	1,275	1,201
1,8	0,2	4H	1,800	1,670	1,712	1,583	1,621	4h	1,800	1,764	1,670	1,638	1,555	1,509
	0,2							6g	1,783	1,727	1,653	1,603	1,538	1,474
	0,25	4H	1,800	1,638	1,686	1,529	1,574	4h	1,800	1,758	1,638	1,602	1,493	1,439
	0,25							6g	1,782	1,715	1,620	1,564	1,475	1,401
2	0,2	4H	2,000	1,870	1,912	1,783	1,821	4h	2,000	1,964	1,870	1,838	1,755	1,709
	0,2							6g	1,983	1,927	1,853	1,803	1,738	1,674
	0,25	4H	2,000	1,838	1,886	1,729	1,774	4h	2,000	1,958	1,838	1,802	1,693	1,639
	0,25							6g	1,982	1,915	1,820	1,764	1,675	1,601
	0,35	4H	2,000	1,773	1,826	1,621	1,684	4h	2,000	1,947	1,773	1,733	1,571	1,506
	0,35	6H	2,000	1,773	1,858	1,621	1,721	6g	1,981	1,896	1,754	1,691	1,552	1,464
2,2	0,2	4H	2,200	2,070	2,112	1,983	2,021	4h	2,200	2,164	2,070	2,038	1,955	1,909
	0,2							6g	2,183	2,127	2,053	2,003	1,938	1,874
	0,25	4H	2,200	2,038	2,086	1,929	1,974	4h	2,200	2,158	2,038	2,002	1,893	1,839
	0,25							6g	2,182	2,115	2,020	1,964	1,875	1,801
	0,35	4H	2,200	1,973	2,026	1,821	1,884	4h	2,200	2,147	1,973	1,933	1,771	1,706
	0,35	6H	2,200	1,973	2,058	1,821	1,921	6g	2,181	2,096	1,954	1,891	1,752	1,664
2,5	0,2	4H	2,500	2,370	2,412	2,283	2,321	4h	2,500	2,464	2,370	2,338	2,255	2,209
	0,2							6g	2,483	2,427	2,353	2,303	2,238	2,174
	0,25	4H	2,500	2,338	2,386	2,229	2,274	4h	2,500	2,458	2,338	2,302	2,193	2,139
	0,25							6g	2,482	2,415	2,320	2,264	2,175	2,101
	0,35	4H	2,500	2,273	2,326	2,121	2,184	4h	2,500	2,447	2,273	2,233	2,071	2,006
	0,35	6H	2,500	2,273	2,358	2,121	2,221	6g	2,481	2,396	2,254	2,191	2,052	1,964
3	0,2	4H	3,000	2,870	2,915	2,783	2,821	4h	3,000	2,964	2,870	2,836	2,755	2,707
	0,2							6g	2,983	2,927	2,853	2,800	2,738	2,671
	0,25	4H	3,000	2,838	2,888	2,729	2,774	4h	3,000	2,958	2,838	2,800	2,693	2,637
	0,25							6g	2,982	2,915	2,820	2,760	2,675	2,597
	0,35	4H	3,000	2,773	2,829	2,621	2,684	4h	3,000	2,947	2,773	2,731	2,571	2,504
	0,35							6g	2,981	2,896	2,754	2,687	2,552	2,460
3,5	0,2	4H	3,500	3,370	3,415	3,283	3,321	4h	3,500	3,464	3,370	3,336	3,255	3,207
	0,2							6g	3,483	3,427	3,353	3,300	3,238	3,171
	0,25	4H	3,500	3,338	3,388	3,229	3,274	4h	3,500	3,458	3,338	3,300	3,193	3,137
	0,25							6g	3,482	3,415	3,320	3,260	3,175	3,097
	0,35	4H	3,500	3,273	3,329	3,121	3,184	4h	3,500	3,447	3,273	3,231	3,071	3,004
	0,35							6g	3,481	3,396	3,254	3,187	3,052	2,960
	0,5	5H	3,500	3,175	3,255	2,959	3,071	4h	3,500	3,433	3,175	3,127	2,887	2,803
	0,5	6H	3,500	3,175	3,275	2,959	3,099	6g	3,480	3,374	3,155	3,080	2,867	2,756
	0,5	7H	3,500	3,175	3,300	2,959	3,139							

Gewinde-Nenndurchmesser $d = D$	Steigung P	Muttergewinde: Toleranzfeld	Muttergewinde: Außendurchmesser D Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Größtmaß	Muttergewinde: Kerndurchmesser D_1 Kleinstmaß	Muttergewinde: Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Bolzengewinde: Außendurchmesser d Größtmaß	Bolzengewinde: Außendurchmesser d Kleinstmaß	Bolzengewinde: Flankendurchmesser d_2 Größtmaß	Bolzengewinde: Flankendurchmesser d_2 Kleinstmaß	Bolzengewinde: Kerndurchmesser d_3 Größtmaß	Bolzengewinde: Kerndurchmesser d_3 Kleinstmaß
4	0,2	4H	4,000	3,870	3,915	3,783	3,821	4h	4,000	3,964	3,870	3,836	3,755	3,707
	0,2							6g	3,983	3,927	3,853	3,800	3,738	3,671
	0,25	4H	4,000	3,838	3,888	3,729	3,774	4h	4,000	3,958	3,838	3,800	3,693	3,637
	0,25							6g	3,982	3,915	3,820	3,760	3,675	3,597
	0,35	4H	4,000	3,773	3,829	3,621	3,684	4h	4,000	3,947	3,773	3,731	3,571	3,504
	0,35							6g	3,981	3,896	3,754	3,687	3,552	3,460
	0,5	5H	4,000	3,675	3,755	3,459	3,571	4h	4,000	3,933	3,675	3,627	3,387	3,308
	0,5	6H	4,000	3,675	3,775	3,459	3,599	6g	3,980	3,874	3,655	3,580	3,367	3,256
	0,5	7H	4,000	3,675	3,800	3,459	3,639							
4,5	0,2	4H	4,500	4,370	4,415	4,283	4,321	4h	4,500	4,464	4,370	4,336	4,255	4,207
	0,2							6g	4,483	4,427	4,353	4,300	4,238	4,171
	0,25	4H	4,500	4,338	4,388	4,229	4,274	4h	4,500	4,458	4,338	4,300	4,193	4,137
	0,25							6g	4,482	4,415	4,320	4,260	4,175	4,097
	0,35	4H	4,500	4,273	4,329	4,121	4,184	4h	4,500	4,447	4,273	4,231	4,071	4,004
	0,35							6g	4,481	4,396	4,254	4,187	4,052	3,960
	0,5	5H	4,500	4,175	4,255	3,959	4,071	4h	4,500	4,433	4,175	4,127	3,887	3,803
	0,5	6H	4,500	4,175	4,275	3,959	4,099	6g	4,480	4,374	4,155	4,080	3,867	3,756
	0,5	7H	4,500	4,175	4,300	3,959	4,139							
5	0,2	4H	5,000	4,870	4,915	4,783	4,821	4h	5,000	4,964	4,870	4,836	4,755	4,707
	0,2							6g	4,983	4,927	4,853	4,800	4,738	4,671
	0,25	4H	5,000	4,838	4,888	4,729	4,774	4h	5,000	4,958	4,838	4,800	4,693	4,637
	0,25							6g	4,982	4,915	4,820	4,760	4,675	4,597
	0,35	4H	5,000	4,773	4,829	4,621	4,684	4h	5,000	4,947	4,773	4,731	4,571	4,504
	0,35							6g	4,981	4,896	4,754	4,687	4,552	4,460
	0,5	5H	5,000	4,675	4,755	4,459	4,571	4h	5,000	4,933	4,675	4,627	4,387	4,303
	0,5	6H	5,000	4,675	4,775	4,459	4,599	6g	4,980	4,874	4,655	4,580	4,367	4,256
	0,5	7H	5,000	4,675	4,800	4,459	4,639							
	0,75	5H	5,000	4,513	4,608	4,188	4,338	4h	5,000	4,910	4,513	4,457	4,080	3,970
	0,75	6H	5,000	4,513	4,634	4,188	4,378	6g	4,978	4,838	4,491	4,401	4,058	3,914
	0,75	7H	5,000	4,513	4,663	4,188	4,424							
5,5	0,2	4H	5,500	5,370	5,415	5,283	5,321	4h	5,500	5,464	5,370	5,336	5,255	5,207
	0,2							6g	5,483	5,427	5,353	5,300	5,238	5,171
	0,25	4H	5,500	5,338	5,388	5,229	5,274	4h	5,500	5,458	5,338	5,300	5,193	5,137
	0,25							6g	5,482	5,415	5,320	5,260	5,175	5,097
	0,35	4H	5,500	5,273	5,329	5,121	5,184	4h	5,500	5,447	5,273	5,231	5,071	5,004
	0,35							6g	5,481	5,396	5,254	5,187	5,052	4,960
	0,5	5H	5,500	5,175	5,255	4,959	5,071	4h	5,500	5,433	5,175	5,127	4,887	4,803
	0,5	6H	5,500	5,175	5,275	4,959	5,099	6g	5,480	5,374	5,155	5,080	4,867	4,756
	0,5	7H	5,500	5,175	5,300	4,959	5,139							
	0,75	5H	5,500	5,013	5,108	4,688	4,838	4h	5,500	5,410	5,013	4,957	4,580	4,470
	0,75	6H	5,500	5,013	5,134	4,688	4,878	6g	5,478	5,338	4,991	4,901	4,558	4,414
	0,75	7H	5,500	5,013	5,163	4,688	4,924							
6	0,2	4H	6,000	5,870	5,918	5,783	5,821	4h	6,000	5,964	5,870	5,834	5,755	5,705
	0,2							6g	5,983	5,927	5,853	5,797	5,738	5,668
	0,25	4H	6,000	5,838	5,891	5,729	5,774	4h	6,000	5,958	5,838	5,798	5,693	5,635
	0,25							6g	5,982	5,915	5,820	5,757	5,675	5,594
	0,35	4H	6,000	5,773	5,833	5,621	5,684	4h	6,000	5,947	5,773	5,728	5,571	5,501
	0,35							6g	5,981	5,896	5,754	5,683	5,552	5,456
	0,5	5H	6,000	5,675	5,765	5,459	5,571	4h	6,000	5,933	5,675	5,622	5,387	5,298
	0,5	6H	6,000	5,675	5,787	5,459	5,599	6g	5,980	5,874	5,655	5,570	5,367	5,246
	0,75	5H	6,000	5,513	5,619	5,188	5,338	4h	6,000	5,910	5,513	5,450	5,080	4,963
	0,75	6H	6,000	5,513	5,645	5,188	5,378	6g	5,978	5,838	5,491	5,391	5,058	4,904
	0,75	7H	6,000	5,513	5,683	5,188	5,424							

Gewinde-Nenndurchmesser $d = D$	Steigung P	Muttergewinde: Toleranzfeld	Muttergewinde: Außendurchmesser D Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Größtmaß	Muttergewinde: Kerndurchmesser D_1 Kleinstmaß	Muttergewinde: Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Bolzengewinde: Außendurchmesser d Größtmaß	Bolzengewinde: Außendurchmesser d Kleinstmaß	Bolzengewinde: Flankendurchmesser d_2 Größtmaß	Bolzengewinde: Flankendurchmesser d_2 Kleinstmaß	Bolzengewinde: Kerndurchmesser d_3 Größtmaß	Bolzengewinde: Kerndurchmesser d_3 Kleinstmaß
6,5	0,2	4H	6,500	6,370	6,418	6,283	6,321	4h	6,500	6,464	6,370	6,334	6,255	6,205
	0,2							6g	6,483	6,427	6,353	6,297	6,238	6,168
	0,25	4H	6,500	6,338	6,391	6,229	6,274	4h	6,500	6,458	6,338	6,298	6,193	6,135
	0,25							6g	6,482	6,415	6,320	6,257	6,175	6,094
	0,35	4H	6,500	6,273	6,333	6,121	6,184	4h	6,500	6,447	6,273	6,228	6,071	6,001
	0,35							6g	6,481	6,396	6,254	6,183	6,052	5,956
	0,5	5H	6,500	6,175	6,265	5,959	6,071	4h	6,500	6,433	6,175	6,122	5,887	5,798
	0,5	6H	6,500	6,175	6,287	5,959	6,099	6g	6,480	6,374	6,155	6,070	5,867	5,746
	0,75	5H	6,500	6,013	6,119	5,688	5,838	4h	6,500	6,410	6,013	5,950	5,580	5,463
	0,75	6H	6,500	6,013	6,145	5,688	5,878	6g	6,478	6,338	5,991	5,891	5,558	5,404
	0,75	7H	6,500	6,013	6,183	5,688	5,924							
7	0,2	4H	7,000	6,870	6,918	6,783	6,821	4h	7,000	6,964	6,870	6,834	6,755	6,705
	0,2							6g	6,983	6,927	6,853	6,797	6,738	6,668
	0,25	4H	7,000	6,838	6,891	6,729	6,774	4h	7,000	6,958	6,838	6,798	6,693	6,635
	0,25							6g	6,982	6,915	6,820	6,757	6,675	6,594
	0,35	4H	7,000	6,773	6,833	6,621	6,684	4h	7,000	6,947	6,773	6,728	6,571	6,501
	0,35							6g	6,981	6,896	6,754	6,683	6,552	6,456
	0,5	5H	7,000	6,675	6,765	6,459	6,571	4h	7,000	6,933	6,675	6,622	6,387	6,298
	0,5	6H	7,000	6,675	6,787	6,459	6,599	6g	6,980	6,874	6,655	6,570	6,367	6,246
	0,75	5H	7,000	6,513	6,619	6,188	6,338	4h	7,000	6,910	6,513	6,450	6,080	5,963
	0,75	6H	7,000	6,513	6,645	6,188	6,378	6g	6,978	6,838	6,491	6,391	6,058	5,904
	0,75	7H	7,000	6,513	6,683	6,188	6,424							
7,5	0,2	4H	7,500	7,370	7,418	7,283	7,321	4h	7,500	7,464	7,370	7,334	7,255	7,205
	0,2							6g	7,483	7,427	7,353	7,297	7,238	7,168
	0,25	4H	7,500	7,338	7,391	7,229	7,274	4h	7,500	7,458	7,338	7,298	7,193	7,135
	0,25							6g	7,482	7,415	7,320	7,257	7,175	7,094
	0,35	4H	7,500	7,273	7,333	7,121	7,184	4h	7,500	7,447	7,273	7,228	7,071	7,001
	0,35							6g	7,481	7,396	7,254	7,183	7,052	6,956
	0,5	5H	7,500	7,175	7,265	6,959	7,071	4h	7,500	7,433	7,175	7,122	6,887	6,798
	0,5	6H	7,500	7,175	7,287	6,959	7,099	6g	7,480	7,374	7,155	7,070	6,867	6,746
	0,75	5H	7,500	7,013	7,119	6,688	6,838	4h	7,500	7,410	7,013	6,950	6,580	6,463
	0,75	6H	7,500	7,013	7,145	6,688	6,878	6g	7,478	7,338	6,991	6,891	6,558	6,404
	0,75	7H	7,500	7,013	7,183	6,688	6,924							
	1	5H	7,500	6,850	6,965	6,417	6,607	4h	7,500	7,388	6,850	6,779	6,273	6,130
	1	6H	7,500	6,850	7,000	6,417	6,653	6g	7,474	7,294	6,824	6,712	6,247	6,083
	1	7H	7,500	6,850	7,040	6,417	6,717	8g	7,474	7,194	6,824	6,644	6,247	5,995
8	0,2	4H	8,000	7,870	7,918	7,783	7,821	4h	8,000	7,964	7,870	7,834	7,755	7,705
	0,2							6g	7,983	7,927	7,853	7,797	7,738	7,668
	0,25	4H	8,000	7,838	7,891	7,729	7,774	4h	8,000	7,958	7,838	7,798	7,693	7,635
	0,25							6g	7,982	7,915	7,820	7,757	7,675	7,594
	0,35	4H	8,000	7,773	7,833	7,621	7,684	4h	8,000	7,947	7,773	7,728	7,571	7,501
	0,35							6g	7,981	7,896	7,754	7,683	7,552	7,456
	0,5	5H	8,000	7,675	7,765	7,459	7,571	4h	8,000	7,933	7,675	7,622	7,387	7,298
	0,5	6H	8,000	7,675	7,787	7,459	7,599	6g	7,980	7,874	7,655	7,570	7,367	7,246
	0,75	5H	8,000	7,513	7,619	7,188	7,338	4h	8,000	7,910	7,513	7,450	7,080	6,963
	0,75	6H	8,000	7,513	7,645	7,188	7,378	6g	7,978	7,838	7,491	7,391	7,058	6,904
	0,75	7H	8,000	7,513	7,683	7,188	7,424							
	1	5H	8,000	7,350	7,465	6,917	7,107	4h	8,000	7,888	7,350	7,279	6,773	6,630
	1	6H	8,000	7,350	7,500	6,917	7,153	6g	7,974	7,794	7,324	7,212	6,747	6,563
	1	7H	8,000	7,350	7,540	6,917	7,217	8g	7,974	7,694	7,324	7,144	6,747	6,495
8,5	0,2	4H	8,500	8,370	8,418	8,283	8,321	4h	8,500	8,464	8,370	8,334	8,255	8,205
	0,2							6g	8,483	8,427	8,353	8,297	8,238	8,168
	0,25	4H	8,500	8,338	8,391	8,229	8,274	4h	8,500	8,458	8,338	8,298	8,193	8,135
	0,25							6g	8,482	8,415	8,320	8,257	8,175	8,094
	0,35	4H	8,500	8,273	8,333	8,121	8,184	4h	8,500	8,447	8,273	8,228	8,071	8,001
	0,35							6g	8,481	8,396	8,254	8,183	8,052	7,956

Gewinde-Nenndurchmesser $d=D$	Steigung P	Muttergewinde: Toleranzfeld	Muttergewinde: Außendurchmesser D Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Größtmaß	Muttergewinde: Kerndurchmesser D_1 Kleinstmaß	Muttergewinde: Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Bolzengewinde: Außendurchmesser d Größtmaß	Bolzengewinde: Außendurchmesser d Kleinstmaß	Bolzengewinde: Flankendurchmesser d_2 Größtmaß	Bolzengewinde: Flankendurchmesser d_2 Kleinstmaß	Bolzengewinde: Kerndurchmesser d_3 Größtmaß	Bolzengewinde: Kerndurchmesser d_3 Kleinstmaß
8,5	0,5	5H	8,500	8,175	8,265	7,959	8,071	4h	8,500	8,433	8,175	8,122	7,887	7,798
	0,5	6H	8,500	8,175	8,287	7,959	8,099	6g	8,480	8,374	8,155	8,070	7,867	7,745
	0,75	5H	8,500	8,013	8,119	7,688	7,838	4h	8,500	8,410	8,013	7,950	7,580	7,463
	0,75	6H	8,500	8,013	8,145	7,688	7,878	6g	8,478	8,388	7,991	7,891	7,558	7,404
	0,75	7H	8,500	8,013	8,183	7,688	7,924							
	1	5H	8,500	7,850	7,968	7,417	7,607	4h	8,500	8,388	7,850	7,779	7,273	7,130
	1	6H	8,500	7,850	8,000	7,417	7,653	6g	8,474	8,294	7,824	7,712	7,247	7,063
	1	7H	8,500	7,850	8,040	7,417	7,717	8g	8,474	8,194	7,824	7,644	7,247	6,995
9	0,2	4H	9,000	8,870	8,918	8,783	8,821	4h	9,000	8,964	8,870	8,834	8,755	8,705
	0,2							6g	8,983	8,927	8,853	8,797	8,738	8,668
	0,25	4H	9,000	8,838	8,891	8,729	8,774	4h	9,000	8,958	8,838	8,798	8,693	8,635
	0,25							6g	8,982	8,915	8,820	8,757	8,675	8,594
	0,35	4H	9,000	8,773	8,833	8,621	8,684	4h	9,000	8,947	8,773	8,728	8,571	8,501
	0,35							6g	8,981	8,896	8,754	8,683	8,552	8,456
	0,5	5H	9,000	8,675	8,765	8,459	8,571	4h	9,000	8,933	8,675	8,622	8,387	8,298
	0,5	6H	9,000	8,675	8,787	8,459	8,599	6g	8,980	8,874	8,655	8,570	8,367	8,246
	0,75	5H	9,000	8,513	8,619	8,188	8,338	4h	9,000	8,910	8,513	8,450	8,080	7,963
	0,75	6H	9,000	8,513	8,645	8,188	8,378	6g	8,978	8,838	8,491	8,391	8,058	7,904
	0,75	7H	9,000	8,513	8,683	8,188	8,424							
	1	5H	9,000	8,350	8,468	7,917	8,107	4h	9,000	8,888	8,350	8,279	7,773	7,630
	1	6H	9,000	8,350	8,500	7,917	8,153	6g	8,974	8,794	8,324	8,212	7,747	7,563
	1	7H	9,000	8,350	8,540	7,917	8,217	8g	8,974	8,694	8,324	8,144	7,747	7,495
9,5	0,2	4H	9,500	9,370	9,418	9,283	9,321	4h	9,500	9,464	9,370	9,334	9,255	9,205
	0,2							6g	9,483	9,427	9,353	9,297	9,238	9,168
	0,25	4H	9,500	9,338	9,391	9,229	9,274	4h	9,500	9,458	9,338	9,298	9,193	9,135
	0,25							6g	9,482	9,415	9,320	9,257	9,175	9,094
	0,35	4H	9,500	9,273	9,333	9,121	9,184	4h	9,500	9,447	9,273	9,228	9,071	9,001
	0,35							6g	9,481	9,396	9,254	9,183	9,052	8,956
	0,5	5H	9,500	9,175	9,265	8,959	9,071	4h	9,500	9,433	9,175	9,122	8,887	8,798
	0,5	6H	9,500	9,175	9,287	8,959	9,099	6g	9,480	9,374	9,155	9,070	8,867	8,746
	0,75	5H	9,500	9,013	9,119	8,688	8,838	4h	9,500	9,410	9,013	8,950	8,580	8,463
	0,75	6H	9,500	9,013	9,145	8,688	8,878	6g	9,478	9,388	8,991	8,891	8,555	8,404
	0,75	7H	9,500	9,013	9,183	8,688	8,924							
	1	5H	9,500	8,850	8,968	8,417	8,607	4h	9,500	9,388	8,850	8,779	8,273	8,130
	1	6H	9,500	8,850	9,000	8,417	8,653	6g	9,474	9,294	8,824	8,712	8,247	8,063
	1	7H	9,500	8,850	9,040	8,417	8,717	8g	9,474	9,194	8,824	8,644	8,247	7,995
10	0,2	4H	10,000	9,870	9,918	9,783	9,821	4h	10,000	9,964	9,870	9,834	9,755	9,705
	0,2							6g	9,983	9,927	9,853	9,797	9,738	9,668
	0,25	4H	10,000	9,838	9,891	9,729	9,774	4h	10,000	9,958	9,838	9,798	9,693	9,635
	0,25							6g	9,982	9,915	9,820	9,757	9,675	9,594
	0,35	4H	10,000	9,773	9,833	9,621	9,684	4h	10,000	9,947	9,773	9,728	9,571	9,501
	0,35							6g	9,981	9,896	9,754	9,683	9,552	9,456
	0,5	5H	10,000	9,675	9,765	9,459	9,571	4h	10,000	9,933	9,675	9,622	9,387	9,298
	0,5	6H	10,000	9,675	9,787	9,459	9,599	6g	9,980	9,874	9,655	9,570	9,367	9,246
	0,75	5H	10,000	9,513	9,619	9,188	9,338	4h	10,000	9,910	9,513	9,450	9,080	8,963
	0,75	6H	10,000	9,513	9,645	9,188	9,378	6g	9,978	9,838	9,491	9,391	9,058	8,904
	0,75	7H	10,000	9,513	9,683	9,188	9,424							
	1	5H	10,000	9,350	9,468	8,917	9,107	4h	10,000	9,888	9,350	9,279	8,773	8,630
	1	6H	10,000	9,350	9,500	8,917	9,153	6g	9,974	9,794	9,324	9,212	8,747	8,563
	1	7H	10,000	9,350	9,540	8,917	9,217	8g	9,974	9,694	9,324	9,144	8,747	8,495
	1,25	5H	10,000	9,188	9,313	8,647	8,869	4h	10,000	9,868	9,188	9,113	8,466	8,301
	1,25	6H	10,000	9,188	9,348	8,647	8,912	6g	9,972	9,760	9,160	9,042	8,438	8,230
	1,25	7H	10,000	9,188	9,388	8,647	8,962	8g	9,972	9,637	9,160	8,970	8,438	8,158

Gewinde-Nenndurchmesser $d=D$	Steigung P	Muttergewinde: Toleranzfeld	Muttergewinde: Außendurchmesser D Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Größtmaß	Muttergewinde: Kerndurchmesser D_1 Kleinstmaß	Muttergewinde: Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Bolzengewinde: Außendurchmesser d Größtmaß	Bolzengewinde: Außendurchmesser d Kleinstmaß	Bolzengewinde: Flankendurchmesser d_2 Größtmaß	Bolzengewinde: Flankendurchmesser d_2 Kleinstmaß	Bolzengewinde: Kerndurchmesser d_3 Größtmaß	Bolzengewinde: Kerndurchmesser d_3 Kleinstmaß
	0,35	4H	10,500	10,273	10,333	10,121	10,184	4h	10,500	10,447	10,273	10,228	10,071	10,001
	0,35							6g	10,481	10,396	10,254	10,183	10,052	9,956
	0,5	5H	10,500	10,175	10,265	9,959	10,071	4h	10,500	10,433	10,175	10,122	9,887	9,795
	0,5	6H	10,500	10,175	10,287	9,959	10,099	6g	10,480	10,374	10,155	10,070	9,867	9,746
10,5	0,75	5H	10,500	10,013	10,119	9,688	9,838	4h	10,500	10,410	10,013	9,950	9,580	9,465
	0,75	6H	10,500	10,013	10,145	9,688	9,878	6g	10,478	10,338	9,991	9,891	9,558	9,404
	0,75	7H	10,500	10,013	10,183	9,688	9,924							
	1	5H	10,500	9,850	9,968	9,417	9,607	4h	10,500	10,388	9,850	9,779	9,273	9,130
	1	6H	10,500	9,850	10,000	9,417	9,653	6g	10,474	10,294	9,824	9,712	9,247	9,063
	1	7H	10,500	9,850	10,040	9,417	9,717	8g	10,474	10,194	9,824	9,644	9,247	8,995
	0,35	4H	11,000	10,773	10,833	10,621	10,684	4h	11,000	10,947	10,773	10,728	10,571	10,501
	0,35							6g	10,981	10,896	10,754	10,683	10,552	10,456
	0,5	5H	11,000	10,675	10,765	10,459	10,571	4h	11,000	10,933	10,675	10,622	10,387	10,295
	0,5	6H	11,000	10,675	10,787	10,459	10,599	6g	10,980	10,874	10,655	10,570	10,367	10,246
11	0,75	5H	11,000	10,513	10,619	10,188	10,338	4h	11,000	10,910	10,513	10,450	10,080	9,963
	0,75	6H	11,000	10,513	10,645	10,188	10,378	6g	10,978	10,838	10,491	10,391	10,058	9,904
	0,75	7H	11,000	10,513	10,683	10,188	10,424							
	1	5H	11,000	10,350	10,468	9,917	10,107	4h	11,000	10,888	10,350	10,279	9,773	9,630
	1	6H	11,000	10,350	10,500	9,917	10,153	6g	10,974	10,794	10,324	10,212	9,747	9,563
	1	7H	11,000	10,350	10,540	9,917	10,217	8g	10,974	10,694	10,324	10,144	9,747	9,495
	0,35	4H	11,500	11,273	11,340	11,121	11,184	4h	11,500	11,447	11,273	11,223	11,071	10,996
	0,35							6g	11,481	11,396	11,254	11,174	11,052	10,947
	0,5	5H	11,500	11,175	11,270	10,959	11,071	4h	11,500	11,433	11,175	11,119	10,887	10,795
	0,5	6H	11,500	11,175	11,293	10,959	11,099	6g	11,480	11,374	11,155	11,065	10,867	10,741
11,5	0,75	5H	11,500	11,013	11,125	10,688	10,838	4h	11,500	11,410	11,013	10,946	10,580	10,459
	0,75	6H	11,500	11,013	11,153	10,688	10,878	6g	11,478	11,338	10,991	10,885	10,558	10,398
	0,75	7H	11,500	11,013	11,193	10,688	10,924							
	1	5H	11,500	10,850	10,975	10,417	10,607	4h	11,500	11,388	10,850	10,775	10,273	10,126
	1	6H	11,500	10,850	11,010	10,417	10,653	6g	11,474	11,294	10,824	10,706	10,247	10,057
	1	7H	11,500	10,850	11,050	10,417	10,717	8g	11,474	11,194	10,824	10,634	10,247	9,985
	0,35	4H	12,000	11,773	11,840	11,621	11,684	4h	12,000	11,947	11,773	11,723	11,571	11,496
	0,35							6g	11,981	11,896	11,754	11,674	11,552	11,447
	0,5	5H	12,000	11,675	11,770	11,459	11,571	4h	12,000	11,933	11,675	11,619	11,387	11,295
	0,5	6H	12,000	11,675	11,793	11,459	11,599	6g	11,980	11,874	11,655	11,565	11,367	11,241
	0,75	5H	12,000	11,513	11,625	11,188	11,338	4h	12,000	11,910	11,513	11,446	11,080	10,959
	0,75	6H	12,000	11,513	11,653	11,188	11,378	6g	11,978	11,838	11,491	11,385	11,058	10,898
	0,75	7H	12,000	11,513	11,693	11,188	11,424							
12	1	5H	12,000	11,350	11,475	10,917	11,107	4h	12,000	11,888	11,350	11,275	10,773	10,626
	1	6H	12,000	11,350	11,510	10,917	11,153	6g	11,974	11,794	11,324	11,206	10,747	10,557
	1	7H	12,000	11,350	11,550	10,917	11,217	8g	11,974	11,694	11,324	11,134	10,747	10,485
	1,25	5H	12,000	11,188	11,328	10,647	10,859	4h	12,000	11,868	11,188	11,103	10,466	10,291
	1,25	6H	12,000	11,188	11,368	10,647	10,912	6g	11,972	11,760	11,160	11,028	10,438	10,216
	1,25	7H	12,000	11,188	11,412	10,647	10,982	8g	11,972	11,037	11,160	10,948	10,438	10,136
	1,5	5H	12,000	11,026	11,176	10,376	10,612	4h	12,000	11,850	11,026	10,936	10,160	9,962
	1,5	6H	12,000	11,026	11,216	10,376	10,676	6g	11,968	11,732	10,994	10,854	10,128	9,880
	1,5	7H	12,000	11,026	11,262	10,376	10,751	8g	11,968	11,593	10,994	10,770	10,128	9,796
	0,35	4H	12,500	12,273	12,340	12,121	12,184	4h	12,500	12,447	12,273	12,223	12,071	11,996
	0,35							6g	12,481	12,396	12,254	12,174	12,052	11,947
	0,5	5H	12,500	12,175	12,270	11,959	12,071	4h	12,500	12,433	12,175	12,119	11,887	11,795
	0,5	6H	12,500	12,175	12,293	11,959	12,099	6g	12,480	12,374	12,155	12,065	11,867	11,741
12,5	0,75	5H	12,500	12,013	12,125	11,688	11,838	4h	12,500	12,410	12,013	11,946	11,580	11,459
	0,75	6H	12,500	12,013	12,153	11,688	11,878	6g	12,478	12,338	11,991	11,885	11,558	11,398
	0,75	7H	12,500	12,013	12,193	11,688	11,924							
	1	5H	12,500	11,850	11,975	11,417	11,607	4h	12,500	12,388	11,850	11,775	11,273	11,126
	1	6H	12,500	11,850	12,010	11,417	11,653	6g	12,474	12,294	11,824	11,706	11,247	11,057
	1	7H	12,500	11,850	12,050	11,417	11,717	8g	12,474	12,194	11,824	11,634	11,247	10,985

Gewinde-Nenndurchmesser $d = D$	Steigung P	Muttergewinde: Toleranzfeld	Muttergewinde: Außendurchmesser D Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Größtmaß	Muttergewinde: Kerndurchmesser D_1 Kleinstmaß	Muttergewinde: Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Bolzengewinde: Außendurchmesser d Größtmaß	Bolzengewinde: Außendurchmesser d Kleinstmaß	Bolzengewinde: Flankendurchmesser d_2 Größtmaß	Bolzengewinde: Flankendurchmesser d_2 Kleinstmaß	Bolzengewinde: Kerndurchmesser d_3 Größtmaß	Bolzengewinde: Kerndurchmesser d_3 Kleinstmaß
13	0,35	4H	13,000	12,773	12,840	12,621	12,684	4h	13,000	12,947	12,773	12,723	12,571	12,496
	0,35							6g	12,981	12,896	12,754	12,674	12,552	12,447
	0,5	5H	13,000	12,675	12,770	12,459	12,571	4h	13,000	12,933	12,675	12,619	12,387	12,295
	0,5	6H	13,000	12,675	12,793	12,459	12,599	6g	12,980	12,874	12,655	12,565	12,367	12,241
	0,75	5H	13,000	12,513	12,625	12,188	12,338	4h	13,000	12,910	12,513	12,446	12,080	11,959
	0,75	6H	13,000	12,513	12,653	12,188	12,378	6g	12,978	12,838	12,491	12,385	12,058	11,898
	0,75	7H	13,000	12,513	12,693	12,188	12,424							
	1	5H	13,000	12,350	12,475	11,917	12,107	4h	13,000	12,888	12,350	12,275	11,773	11,626
	1	6H	13,000	12,350	12,510	11,917	12,153	6g	12,974	12,794	12,324	12,206	11,747	11,557
	1	7H	13,000	12,350	12,550	11,917	12,217	8g	12,974	12,694	12,324	12,134	11,747	11,485
	1,5	5H	13,000	12,026	12,176	11,376	11,612	4h	13,000	12,850	12,026	11,936	11,160	10,962
	1,5	6H	13,000	12,026	12,216	11,376	11,676	6g	12,968	12,732	11,994	11,854	11,128	10,880
	1,5	7H	13,000	12,026	12,262	11,376	11,751	8g	12,968	12,593	11,994	11,770	11,128	10,796
13,5	0,35	4H	13,500	13,273	13,340	13,121	13,184	4h	13,500	13,447	13,273	13,223	13,071	12,996
	0,35							6g	13,481	13,396	13,254	13,174	13,052	12,947
	0,5	5H	13,500	13,175	13,270	12,959	13,071	4h	13,500	13,433	13,175	13,119	12,887	12,795
	0,5	6H	13,500	13,175	13,293	12,959	13,099	6g	13,480	13,374	13,155	13,065	12,867	12,741
	0,75	5H	13,500	13,013	13,125	12,688	12,838	4h	13,500	13,410	13,013	12,946	12,580	12,459
	0,75	6H	13,500	13,013	13,153	12,688	12,878	6g	13,478	13,338	12,991	12,885	12,558	12,398
	0,75	7H	13,500	13,013	13,193	12,688	12,924							
	1	5H	13,500	12,850	12,975	12,417	12,607	4h	13,500	13,388	12,850	12,775	12,273	12,126
	1	6H	13,500	12,850	13,010	12,417	12,653	6g	13,474	13,294	12,824	12,706	12,247	12,057
	1	7H	13,500	12,850	13,050	12,417	12,717	8g	13,474	13,194	12,824	12,634	12,247	11,985
14	0,35	4H	14,000	13,773	13,840	13,621	13,684	4h	14,000	13,947	13,773	13,723	13,571	13,496
	0,35							6g	13,981	13,896	13,754	13,674	13,552	13,447
	0,5	5H	14,000	13,675	13,770	13,459	13,571	4h	14,000	13,933	13,675	13,619	13,387	13,295
	0,5	6H	14,000	13,675	13,793	13,459	13,599	6g	13,980	13,874	13,655	13,565	13,367	13,241
	0,75	5H	14,000	13,513	13,625	13,188	13,338	4h	14,000	13,910	13,513	13,446	13,080	12,959
	0,75	6H	14,000	13,513	13,653	13,188	13,378	6g	13,978	13,838	13,491	13,385	13,058	12,898
	0,75	7H	14,000	13,513	13,693	13,188	13,424							
	1	5H	14,000	13,350	13,475	12,917	13,107	4h	14,000	13,888	13,350	13,275	12,773	12,626
	1	6H	14,000	13,350	13,510	12,917	13,153	6g	13,974	13,794	13,324	13,206	12,747	12,557
	1	7H	14,000	13,350	13,550	12,917	13,217	8g	13,974	13,694	13,324	13,134	12,747	12,485
	1,5	5H	14,000	13,026	13,176	12,376	12,612	4h	14,000	13,850	13,026	12,936	12,160	11,962
	1,5	6H	14,000	13,026	13,216	12,376	12,676	6g	13,968	13,732	12,994	12,854	12,128	11,880
	1,5	7H	14,000	13,026	13,262	12,376	12,751	8g	13,968	13,593	12,994	12,770	12,128	11,796
14,5	0,35	4H	14,500	14,273	14,340	14,121	14,184	4h	14,500	14,447	14,273	14,223	14,071	13,996
	0,35							6g	14,481	14,396	14,254	14,174	14,052	13,947
	0,5	5H	14,500	14,175	14,270	13,959	14,071	4h	14,500	14,433	14,175	14,119	13,887	13,795
	0,5	6H	14,500	14,175	14,293	13,959	14,099	6g	14,480	14,374	14,155	14,065	13,867	13,741
	0,75	5H	14,500	14,013	14,125	13,688	13,838	4h	14,500	14,410	14,013	13,946	13,580	13,459
	0,75	6H	14,500	14,013	14,153	13,688	13,878	6g	14,478	14,338	13,991	13,885	13,558	13,398
	0,75	7H	14,500	14,013	14,193	13,688	13,924							
	1	5H	14,500	13,850	13,975	13,417	13,607	4h	14,500	14,388	13,850	13,775	13,273	13,126
	1	6H	14,500	13,850	14,010	13,417	13,653	6g	14,474	14,294	13,824	13,706	13,247	13,057
	1	7H	14,500	13,850	14,050	13,417	13,717	8g	14,474	14,194	13,824	13,634	13,247	12,985
15	0,35	4H	15,000	14,773	14,840	14,621	14,684	4h	15,000	14,947	14,773	14,723	14,571	14,496
	0,35							6g	14,981	14,896	14,754	14,674	14,552	14,447
	0,5	5H	15,000	14,675	14,770	14,459	14,571	4h	15,000	14,933	14,675	14,619	14,387	14,295
	0,5	6H	15,000	14,675	14,793	14,459	14,599	6g	14,980	14,874	14,655	14,565	14,367	14,241
	0,75	5H	15,000	14,513	14,625	14,188	14,338	4h	15,000	14,910	14,513	14,446	14,080	13,959
	0,75	6H	15,000	14,513	14,653	14,188	14,378	6g	14,978	14,838	14,491	14,385	14,058	13,898
	0,75	7H	15,000	14,513	14,693	14,188	14,424							
	1	5H	15,000	14,350	14,475	13,917	14,107	4h	15,000	14,888	14,350	14,275	13,773	13,626
	1	6H	15,000	14,350	14,510	13,917	14,153	6g	14,974	14,794	14,324	14,206	13,747	13,557
	1	7H	15,000	14,350	14,550	13,917	14,217	8g	14,974	14,964	14,324	14,134	13,747	13,485

Gewinde-Nenndurchmesser $d=D$	Steigung P	Muttergewinde: Toleranzfeld	Muttergewinde: Außendurchmesser D Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Größtmaß	Muttergewinde: Kerndurchmesser D_1 Kleinstmaß	Muttergewinde: Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Bolzengewinde: Außendurchmesser d Größtmaß	Bolzengewinde: Außendurchmesser d Kleinstmaß	Bolzengewinde: Flankendurchmesser d_2 Größtmaß	Bolzengewinde: Flankendurchmesser d_2 Kleinstmaß	Bolzengewinde: Kerndurchmesser d_3 Größtmaß	Bolzengewinde: Kerndurchmesser d_3 Kleinstmaß
15	1,5	5H	15,000	14,026	14,176	13,376	13,612	4h	15,000	14,850	14,026	13,936	13,160	12,962
	1,5	6H	15,000	14,026	14,216	13,376	13,676	6g	14,968	14,732	13,994	13,854	13,128	12,880
	1,5	7H	15,000	14,026	14,262	13,376	13,751	8g	14,968	14,593	13,994	13,770	13,128	12,796
15,5	0,35	4H	15,500	15,273	15,340	15,121	15,184	4h	15,500	15,447	15,273	15,223	15,071	14,996
	0,35							6g	15,481	15,396	15,254	15,174	15,052	14,947
	0,5	5H	15,500	15,175	15,270	14,959	15,071	4h	15,500	15,433	15,175	15,119	14,887	14,795
	0,5	6H	15,500	15,175	15,293	14,959	15,099	6g	15,480	15,374	15,155	15,065	14,867	14,741
16	0,35	4H	16,000	15,773	15,840	15,621	15,684	4h	16,000	15,947	15,773	15,723	15,571	15,496
	0,35							6g	15,981	15,896	15,754	15,674	15,552	15,447
	0,5	5H	16,000	15,675	15,770	15,459	15,571	4h	16,000	15,933	15,675	15,619	15,387	15,295
	0,5	6H	16,000	15,675	15,793	15,459	15,599	6g	15,980	15,874	15,655	15,565	15,367	15,241
	0,75	5H	16,000	15,513	15,625	15,188	15,338	4h	16,000	15,910	15,513	15,446	15,080	14,959
	0,75	6H	16,000	15,513	15,653	15,188	15,378	6g	15,978	15,838	15,491	15,385	15,058	14,898
	0,75	7H	16,000	15,513	15,693	15,188	15,424							
	1	5H	16,000	15,350	15,475	14,917	15,107	4h	16,000	15,888	15,350	15,275	14,773	14,626
	1	6H	16,000	15,350	15,510	14,917	15,153	6g	15,974	15,794	15,324	15,206	14,747	14,557
	1	7H	16,000	15,350	15,550	14,917	15,217	8g	15,974	15,694	15,324	15,134	14,747	14,485
	1,5	5H	16,000	15,026	15,176	14,376	14,612	4h	16,000	15,850	15,026	14,936	14,160	13,962
	1,5	6H	16,000	15,026	15,216	14,376	14,676	6g	15,968	15,732	14,994	14,854	14,128	13,880
	1,5	7H	16,000	15,026	15,262	14,376	14,751	8g	15,968	15,593	14,994	14,770	14,128	13,796
16,5	0,5	5H	16,500	16,175	16,270	15,959	16,071	4h	16,500	16,433	16,175	16,119	15,887	15,795
	0,5	6H	16,500	16,175	16,293	15,959	16,099	6g	16,480	16,374	16,155	16,065	15,867	15,741
17	0,35	4H	17,000	16,773	16,840	16,621	16,684	4h	17,000	16,947	16,773	16,723	16,571	16,496
	0,35							6g	16,981	16,896	16,754	16,674	16,552	16,447
	0,5	5H	17,000	16,675	16,770	16,459	16,571	4h	17,000	16,933	16,675	16,619	16,387	16,295
	0,5	6H	17,000	16,675	16,793	16,459	16,599	6g	16,980	16,874	16,655	16,565	16,367	16,241
	0,75	5H	17,000	16,513	16,625	16,188	16,338	4h	17,000	16,910	16,513	16,446	16,080	15,959
	0,75	6H	17,000	16,513	16,653	16,188	16,378	6g	16,978	16,838	16,491	16,385	16,058	15,898
	0,75	7H	17,000	16,513	16,693	16,188	16,424							
	1	5H	17,000	16,350	16,475	15,917	16,107	4h	17,000	16,888	16,350	16,275	15,773	15,626
	1	6H	17,000	16,350	16,510	15,917	16,153	6g	16,974	16,794	16,324	16,206	15,747	15,557
	1	7H	17,000	16,350	16,550	15,917	16,217	8g	16,974	16,694	16,324	16,134	15,747	15,485
	1,5	5H	17,000	16,026	16,176	15,376	15,612	4h	17,000	16,850	16,026	15,936	15,160	14,962
	1,5	6H	17,000	16,026	16,216	15,376	15,676	6g	16,968	16,732	15,994	15,854	15,128	14,880
	1,5	7H	17,000	16,026	16,262	15,376	15,751	8g	16,968	16,593	15,994	15,770	15,128	14,796
	2	5H	17,000	15,701	15,871	14,835	15,135	4h	17,000	16,820	15,701	15,601	14,546	14,302
	2	6H	17,000	15,701	15,913	14,835	15,210	6g	16,962	16,682	15,663	15,503	14,508	14,204
	2	7H	17,000	15,701	15,966	14,835	15,310	8g	16,962	16,512	15,663	15,413	14,508	14,114
17,5	0,5	5H	17,500	17,175	17,270	16,959	17,071	4h	17,500	17,433	17,175	17,119	16,887	16,795
	0,5	6H	17,500	17,175	17,293	16,959	17,099	6g	17,480	17,374	17,155	17,065	16,867	16,741
18	0,35	4H	18,000	17,773	17,840	17,621	17,684	4h	18,000	17,947	17,773	17,723	17,571	17,496
	0,35							6g	17,981	17,896	17,754	17,674	17,552	17,447
	0,5	5H	18,000	17,675	17,770	17,459	17,571	4h	18,000	17,933	17,675	17,619	17,387	17,295
	0,5	6H	18,000	17,675	17,793	17,459	17,599	6g	17,980	17,874	17,655	17,565	17,367	17,241
	0,75	5H	18,000	17,513	17,625	17,188	17,338	4h	18,000	17,910	17,513	17,446	17,080	16,959
	0,75	6H	18,000	17,513	17,653	17,188	17,378	6g	17,978	17,838	17,491	17,385	17,058	16,898
	0,75	7H	18,000	17,513	17,693	17,188	17,424							
	1	5H	18,000	17,350	17,475	16,917	17,107	4h	18,000	17,888	17,350	17,275	16,773	16,626
	1	6H	18,000	17,350	17,510	16,917	17,153	6g	17,974	17,794	17,324	17,206	16,747	16,557
	1	7H	18,000	17,350	17,550	16,917	17,217	8g	17,974	17,694	17,324	17,134	16,747	16,485
	1,5	5H	18,000	17,026	17,176	16,376	16,612	4h	18,000	17,850	17,026	16,936	16,160	15,962
	1,5	6H	18,000	17,026	17,216	16,376	16,676	6g	17,968	17,732	16,994	16,854	16,128	15,880
	1,5	7H	18,000	17,026	17,262	16,376	16,751	8g	17,968	17,593	16,994	16,770	16,128	15,796
	2	5H	18,000	16,701	16,871	15,835	16,135	4h	18,000	17,820	16,701	16,601	15,546	15,302
	2	6H	18,000	16,701	16,913	15,835	16,210	6g	17,962	17,682	16,663	16,503	15,508	15,204
	2	7H	18,000	16,701	16,966	15,835	16,310	8g	17,962	17,512	16,663	16,413	15,508	15,114

Gewinde-Nenndurchmesser $d = D$	Steigung P	Muttergewinde: Toleranzfeld	Muttergewinde: Außendurchmesser D Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Größtmaß	Muttergewinde: Kerndurchmesser D_1 Kleinstmaß	Muttergewinde: Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Bolzengewinde: Außendurchmesser d Größtmaß	Bolzengewinde: Außendurchmesser d Kleinstmaß	Bolzengewinde: Flankendurchmesser d_2 Größtmaß	Bolzengewinde: Flankendurchmesser d_2 Kleinstmaß	Bolzengewinde: Kerndurchmesser d_3 Größtmaß	Bolzengewinde: Kerndurchmesser d_3 Kleinstmaß
18,5	0,5	5H	18,500	18,175	18,270	17,959	18,071	4h	18,500	18,433	18,175	18,119	17,867	17,795
	0,5	6H	18,500	18,175	18,293	17,959	18,099	6g	18,480	18,374	18,155	18,065	17,867	17,741
19	0,35	4H	19,000	18,773	18,840	18,621	18,684	4h	19,000	18,947	18,773	18,723	18,571	18,496
	0,35							6g	18,981	18,896	18,754	18,674	18,552	18,447
	0,5	5H	19,000	18,675	18,770	18,459	18,571	4h	19,000	18,933	18,675	18,619	18,387	18,295
	0,5	6H	19,000	18,675	18,793	18,459	18,599	6g	18,980	18,874	18,655	18,565	18,367	18,241
	0,75	5H	19,000	18,513	18,625	18,188	18,338	4h	19,000	18,910	18,513	18,446	18,080	17,959
	0,75	6H	19,000	18,513	18,653	18,188	18,378	6g	18,978	18,838	18,491	18,385	18,058	17,898
	0,75	7H	19,000	18,513	18,693	18,188	18,424							
	1	5H	19,000	18,350	18,475	17,917	18,107	4h	19,000	18,888	18,350	18,275	17,773	17,626
	1	6H	19,000	18,350	18,510	17,917	18,153	6g	18,974	18,794	18,324	18,206	17,747	17,557
	1	7H	19,000	18,350	18,550	17,917	18,217	8g	18,974	18,694	18,324	18,134	17,747	17,485
	1,5	5H	19,000	18,026	18,176	17,376	17,612	4h	19,000	18,850	18,026	17,936	17,160	16,962
	1,5	6H	19,000	18,026	18,216	17,376	17,676	6g	18,968	18,732	17,994	17,854	17,128	16,880
	1,5	7H	19,000	18,026	18,262	17,376	17,751	8g	18,968	18,593	17,994	17,770	17,128	16,796
	2	5H	19,000	17,701	17,871	16,835	17,136	4h	19,000	18,820	17,701	17,601	16,546	16,302
	2	6H	19,000	17,701	17,913	16,835	17,210	6g	18,962	18,682	17,663	17,503	16,508	16,204
	2	7H	19,000	17,701	17,966	16,835	17,310	8g	18,962	18,512	17,663	17,413	16,508	16,114
19,5	0,5	5H	19,500	19,175	19,270	18,959	19,071	4h	19,500	19,433	19,175	19,119	18,867	18,795
	0,5	6H	19,500	19,175	19,293	18,959	19,099	6g	19,480	19,374	19,155	19,065	18,867	18,741
20	0,35	4H	20,000	19,773	19,840	19,621	19,684	4h	20,000	19,947	19,773	19,723	19,571	19,496
	0,35							6g	19,981	19,896	19,754	19,674	19,552	19,447
	0,5	5H	20,000	19,675	19,770	19,459	19,571	4h	20,000	19,933	19,675	19,619	19,387	19,295
	0,5	6H	20,000	19,675	19,793	19,459	19,599	6g	19,980	19,874	19,655	19,565	19,367	19,241
	0,75	5H	20,000	19,513	19,625	19,188	19,338	4h	20,000	19,910	19,513	19,446	19,080	18,959
	0,75	6H	20,000	19,513	19,653	19,188	19,378	6g	19,978	19,838	19,491	19,385	19,058	18,898
	0,75	7H	20,000	19,513	19,693	19,188	19,424							
	1	5H	20,000	19,350	19,475	18,917	19,107	4h	20,000	19,888	19,350	19,275	18,773	18,626
	1	6H	20,000	19,350	19,510	18,917	19,153	6g	19,974	19,794	19,324	19,206	18,747	18,557
	1	7H	20,000	19,350	19,550	18,917	19,217	8g	19,974	19,694	19,324	19,134	18,747	18,485
	1,5	5H	20,000	19,026	19,176	18,376	18,612	4h	20,000	19,850	19,026	18,936	18,160	17,962
	1,5	6H	20,000	19,026	19,216	18,376	18,676	6g	19,968	19,732	18,994	18,854	18,128	17,880
	1,5	7H	20,000	19,026	19,262	18,376	18,751	8g	19,968	19,593	18,994	18,770	18,128	17,796
	2	5H	20,000	18,701	18,871	17,835	18,135	4h	20,000	19,820	18,701	18,601	17,546	17,302
	2	6H	20,000	18,701	18,913	17,835	18,210	6g	19,962	19,682	18,663	18,503	17,508	17,204
	2	7H	20,000	18,701	18,966	17,835	18,310	8g	19,962	19,512	18,663	18,413	17,508	17,114
20,5	0,5	5H	20,500	20,175	20,270	19,959	20,071	4h	20,500	20,433	20,175	20,119	19,867	19,795
	0,5	6H	20,500	20,175	20,293	19,959	20,099	6g	20,480	20,374	20,155	20,065	19,867	19,741
21	0,35	4H	21,000	20,773	20,840	20,621	20,684	4h	21,000	20,947	20,773	20,723	20,571	20,496
	0,35							6g	20,981	20,896	20,754	20,674	20,552	20,447
	0,5	5H	21,000	20,675	20,770	20,459	20,571	4h	21,000	20,933	20,675	20,619	20,387	20,295
	0,5	6H	21,000	20,675	20,793	20,459	20,599	6g	20,980	20,874	20,655	20,565	20,367	20,241
	0,75	5H	21,000	20,513	20,625	20,188	20,338	4h	21,000	20,910	20,513	20,446	20,080	19,959
	0,75	6H	21,000	20,513	20,653	20,188	20,378	6g	20,978	20,838	20,491	20,385	20,058	19,898
	0,75	7H	21,000	20,513	20,693	20,188	20,424							
	1	5H	21,000	20,350	20,475	19,917	20,107	4h	21,000	20,888	20,350	20,275	19,773	19,626
	1	6H	21,000	20,350	20,510	19,917	20,153	6g	20,974	20,794	20,324	20,206	19,747	19,557
	1	7H	21,000	20,350	20,550	19,917	20,217	8g	20,974	20,694	20,324	20,134	19,747	19,485
	1,5	5H	21,000	20,026	20,176	19,376	19,612	4h	21,000	20,850	20,026	19,936	19,160	18,962
	1,5	6H	21,000	20,026	20,216	19,376	19,676	6g	20,968	20,732	19,994	19,854	19,128	18,880
	1,5	7H	21,000	20,026	20,262	19,376	19,751	8g	20,968	20,593	19,994	19,770	19,128	18,796
	2	5H	21,000	19,701	19,871	18,835	19,135	4h	21,000	20,820	19,701	19,601	18,546	18,302
	2	6H	21,000	19,701	19,913	18,835	19,210	6g	20,962	20,682	19,663	19,503	18,508	18,204
	2	7H	21,000	19,701	19,966	18,835	19,310	8g	20,962	20,512	19,663	19,413	18,508	18,114

Gewinde-Nenndurchmesser $d=D$	Steigung P	Muttergewinde: Toleranzfeld	Muttergewinde: Außendurchmesser D Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Kleinstmaß	Muttergewinde: Flankendurchmesser D_2 Größtmaß	Muttergewinde: Kerndurchmesser D_1 Kleinstmaß	Muttergewinde: Kerndurchmesser D_1 Größtmaß	Bolzengewinde: Toleranzfeld	Bolzengewinde: Außendurchmesser d Größtmaß	Bolzengewinde: Außendurchmesser d Kleinstmaß	Bolzengewinde: Flankendurchmesser d_2 Größtmaß	Bolzengewinde: Flankendurchmesser d_2 Kleinstmaß	Bolzengewinde: Kerndurchmesser d_3 Größtmaß	Bolzengewinde: Kerndurchmesser d_3 Kleinstmaß
21,5	0,5	5H	21,500	21,175	21,270	20,959	21,071	4h	21,500	21,433	21,175	21,119	20,887	20,795
	0,5	6H	21,500	21,175	21,293	20,959	21,099	6g	21,480	21,374	21,155	21,065	20,867	20,741
	0,35	4H	22,000	21,773	21,840	21,621	21,684	4h	22,000	21,947	21,773	21,723	21,571	21,496
	0,35							6g	21,981	21,896	21,754	21,674	21,552	21,447
	0,5	5H	22,000	21,675	21,770	21,459	21,571	4h	22,000	21,933	21,675	21,619	21,387	21,295
	0,5	6H	22,000	21,675	21,793	21,459	21,599	6g	21,980	21,874	21,655	21,565	21,367	21,241
	0,75	5H	22,000	21,513	21,625	21,188	21,338	4h	22,000	21,910	21,513	21,446	21,080	20,959
	0,75	6H	22,000	21,513	21,653	21,188	21,378	6g	21,978	21,838	21,491	21,385	21,058	20,898
	0,75	7H	22,000	21,513	21,693	21,188	21,424							
22	1	5H	22,000	21,350	21,475	20,917	21,107	4h	22,000	21,888	21,350	21,275	20,773	20,626
	1	6H	22,000	21,350	21,510	20,917	21,153	6g	21,974	21,794	21,324	21,206	20,747	20,557
	1	7H	22,000	21,350	21,550	20,917	21,217	8g	21,974	21,694	21,324	21,134	20,747	20,465
	1,5	5H	22,000	21,026	21,176	20,376	20,612	4h	22,000	21,850	21,026	20,936	20,160	19,962
	1,5	6H	22,000	21,026	21,216	20,376	20,676	6g	21,968	21,732	20,994	20,854	20,128	19,880
	1,5	7H	22,000	21,026	21,262	20,376	20,751	8g	21,968	21,593	20,994	20,770	20,128	19,796
	2	5H	22,000	20,701	20,871	19,835	20,135	4h	22,000	21,820	20,701	20,601	19,546	19,302
	2	6H	22,000	20,701	20,913	19,835	20,210	6g	21,962	21,682	20,663	20,503	19,508	19,204
	2	7H	22,000	20,701	20,966	19,835	20,310	8g	21,962	21,512	20,663	20,413	19,508	19,114
22,5	0,5	5H	22,500	22,175	22,275	21,959	22,071	4h	22,500	22,433	22,175	22,115	21,887	21,791
	0,5	6H	22,500	22,175	22,300	21,959	22,099	6g	22,480	22,374	22,155	22,060	21,867	21,736
23	0,35	4H	23,000	22,773	22,844	22,621	22,684	4h	23,000	22,947	22,773	22,720	22,571	22,496
	0,35							6g	22,981	22,896	22,754	22,669	22,552	22,442
	0,5	5H	23,000	22,675	22,775	22,459	22,571	4h	23,000	22,933	22,675	22,615	22,387	22,291
	0,5	6H	23,000	22,675	22,800	22,459	22,599	6g	22,980	22,874	22,655	22,560	22,367	22,236
	0,75	5H	23,000	22,513	22,631	22,188	22,338	4h	23,000	22,910	22,513	22,442	22,080	21,955
	0,75	6H	23,000	22,513	22,663	22,188	22,378	6g	22,978	22,838	22,491	22,379	22,058	21,892
	0,75	7H	23,000	22,513	22,703	22,188	22,424							
	1	5H	23,000	22,350	22,482	21,917	22,107	4h	23,000	22,888	22,350	22,270	21,773	21,621
	1	6H	23,000	22,350	22,520	21,917	22,153	6g	22,974	22,794	22,324	22,199	21,747	21,550
	1	7H	23,000	22,350	22,562	21,917	22,217	8g	22,974	22,694	22,324	22,124	21,747	21,475
	1,5	5H	23,000	22,026	22,186	21,376	21,612	4h	23,000	22,850	22,026	21,931	21,160	20,957
	1,5	6H	23,000	22,026	22,226	21,376	21,676	6g	22,968	22,732	21,994	21,844	21,128	20,870
	1,5	7H	23,000	22,026	22,276	21,376	21,751	8g	22,968	22,593	21,994	21,758	21,128	20,784
	2	5H	23,000	21,701	21,881	20,835	21,135	4h	23,000	22,820	21,701	21,595	20,546	20,296
	2	6H	23,000	21,701	21,925	20,835	21,270	6g	22,962	22,682	21,663	21,493	20,508	20,194
	2	7H	23,000	21,701	21,981	20,835	21,310	8g	22,962	22,512	21,663	21,398	20,508	20,099
23,5	0,5	5H	23,500	22,175	22,275	22,959	23,071	4h	23,500	23,433	23,175	23,115	22,887	22,791
	0,5	6H	23,500	22,175	22,300	22,959	23,099	6g	23,480	23,374	23,155	23,060	22,867	22,736
24	0,35	4H	24,000	23,773	23,844	23,621	23,684	4h	24,000	23,947	23,773	23,720	23,571	23,496
	0,35							6g	23,981	23,896	23,754	23,669	23,552	23,442
	0,5	5H	24,000	23,675	23,775	23,459	23,571	4h	24,000	23,933	23,675	23,615	23,387	23,291
	0,5	6H	24,000	23,675	23,800	23,459	23,599	6g	23,980	23,874	23,655	23,560	23,367	23,236
	0,75	5H	24,000	23,513	23,631	23,188	23,338	4h	24,000	23,910	23,513	23,442	23,080	22,955
	0,75	6H	24,000	23,513	23,663	23,188	23,378	6g	23,978	23,838	23,491	23,379	23,058	22,892
	0,75	7H	24,000	23,513	23,703	23,188	23,424							
	1	5H	24,000	23,350	23,482	22,917	23,107	4h	24,000	23,888	23,350	23,270	22,773	22,621
	1	6H	24,000	23,350	23,520	22,917	23,153	6g	23,974	23,794	23,324	23,199	22,747	22,550
	1	7H	24,000	23,350	23,562	22,917	23,217	8g	23,974	23,694	23,324	23,124	22,747	22,475
	1,5	5H	24,000	23,026	23,186	22,376	22,612	4h	24,000	23,850	23,026	22,931	22,160	21,957
	1,5	6H	24,000	23,026	23,226	22,376	22,676	6g	23,968	23,732	22,994	22,844	22,128	21,870
	1,5	7H	24,000	23,026	23,276	22,376	22,751	8g	23,968	23,593	22,994	22,758	22,128	21,784
	2	5H	24,000	22,701	22,881	21,835	22,135	4h	24,000	23,820	22,701	22,595	21,546	21,296
	2	6H	24,000	22,701	22,925	21,835	22,210	6g	23,962	23,682	22,663	22,493	21,508	21,194
	2	7H	24,000	22,701	22,981	21,835	22,310	8g	23,962	23,512	22,663	22,398	21,508	21,099
24,5	0,5	5H	24,500	24,175	24,275	23,959	24,071	4h	24,500	24,433	24,175	24,115	23,887	23,791
	0,5	6H	24,500	24,175	24,300	23,959	24,099	6g	24,480	24,374	24,155	24,060	23,867	23,736